

Claims

1. A programmable controller having a processing unit, a display screen (6), an operator unit (4, 5) and signal inputs (2) and signal outputs (3), where the processing unit, the display screen (6), the operator unit (4, 5), the signal inputs (2) and signal outputs (3) are accommodated in a common housing (1), and where switching functions can be programmed by the user on the basis of predetermined functions by using a menu-assisted user interface on the display screen (6), characterized in that a button of the operator unit (4, 5) can be switched to an active button with the aid of a programmable function, such that the sequence of a switching function depends on operation of this button.
2. The controller according to Claim 1, characterized in that a signal input (2) can be simulated with the active button.
3. The controller according to Claim 2, characterized in that the sequence of a switching function is interrupted as long as the active button is operated by a user.
4. The controller according to one of the preceding claims, characterized in that the switching function can be interrupted by operation of the active button.
5. The controller according to one of the preceding claims, characterized in that the active button can be used anywhere in the programmable switching function.
6. The controller according to one of the preceding claims, characterized in that a plurality of active buttons can be used within one programmable switching function.
7. The controller according to one of the preceding claims, characterized in that each of the buttons belonging to the operator unit can be switched as an active button.
8. The controller according to one of the preceding claims, characterized in that

the instruction to operate (11) the active button can be displayed on the display screen.

9. The controller according to one of the preceding claims, characterized in that the instruction to operate the active button is accompanied by an acoustic signal (13).

add B² } add A⁵
add C³